

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
OHIO,
18-CLEV,
41-

Alcoa Forging Division:

Mesta 50,000-Ton Closed Die Forging Press
(Air Force Plant 47:
Mesta 50,000-Ton Closed Die Forging Press)
1600 Harvard Avenue
Cleveland
Cuyahoga County
Ohio

HAER No. OH-64

Jet Lowe, HAER Staff Photographer, May, 1985

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|----------|---|
| OH-64-1 | Mesta Press looking east, during preparation of die |
| OH-64-2 | Mesta Press looking east, during preparation of die |
| OH-64-3 | South elevation of Mesta Press, looking north |
| OH-64-4 | Oven used for heating metal before insertion in Press |
| OH-64-5 | Truck fitted with special clamp for insertion and removal of die into Press |
| OH-64-6 | Die being inserted into east side of Press |
| OH-64-7 | East side of Press |
| OH-64-8 | West side of Press |
| OH-64-9 | North elevation showing control panel for Press in foreground |
| OH-64-10 | Press looking northwest |
| OH-64-11 | Press looking southwest |
| OH-64-12 | Press looking southwest, closer detail |
| OH-64-13 | Die in place |
| OH-64-14 | View of area beneath press |
| OH-64-15 | Water tanks and air valves involved in moving press |
| OH-64-16 | Aluminum ring lathe and product |
| OH-64-17 | Titanium bulkhead for F-15 jet airplane before pressing |
| OH-64-18 | Bulkhead after pressing |
| OH-64-19 | Parts processed on Press intended for U.S. space shuttle |
| OH-64-20 | C-5-A aircraft parts to be inserted in Press |

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ADDENDUM TO
ALCOA FORGING DIVISION:
MESTA 50,000-TON CLOSED DIE FORGING PRESS
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1600 Harvard Avenue
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HAER No. OH-64
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OH-64-1 through OH-64-20 were previously transmitted to the Library of Congress.

INDEX TO COLOR TRANSPARENCIES

All color xeroxes were made from a duplicate color transparency.

Photographer: Jet Lowe, May 1985.

OH-64-21 (CT) BULKHEAD AFTER PRESSING

OH-64-22 (CT) C-5-A AIRCRAFT PARTS TO BE INSERTED IN PRESS